

GLOSSARY

ABBREVIATIONS, ACRONYMS, AND SYMBOLS

A		E	
A	ampere	ea	each
@	at	emerg	emergency
AC	alternating current	eng	engine
A/C	air conditioning	exst	exhaust
ACB	air current breaker		
AF	alternating frequency	F	
am	ammeter	F	Fahrenheit
amp	ampere	FAC	free available chlorine
approx	approximately	fdn	foundation
assy	assembly	FM	frequency modulated
auto	automatic	FO	fuel oil
aux	auxiliary	FPM	feet per minute
avg	average	ft	foot, feet
B		ft lb	foot-pound(s)
bd	blade	FW	freshwater
BF	board foot (feet)	fwd	forward
BHP	brake horsepower		
BTU	British thermal unit	G	
bus	bus bar	gal	gallon(s)
C		gov	governor
CFM	cubic feet per minute	GPH	gallon(s) per hour
CHT	collect, hold, and transfer	GPM	gallon(s) per minute
circ	circulating		
CL	centerline	H	
CO ₂	carbon dioxide	HP	horsepower
compr	compressor	hr	hour(s)
cont	control	HQ	headquarters
contam	contaminated	hse	house
ct	circuit	HW	hot water
D		Hz	hertz
DC	direct current		
dia	diameter	I	
disch	discharge		
dr	drain	in	inch(es)

K		Q	
kva	kilovolt-ampere(s)	qtr	quarters
kw	kilowatt(s)		
L		R	
lb	pound(s)	rad	radius
LO	lubricating oil	rcvr	receiver
LOA	length overall	rm	room
ltg	lighting	RMS	rheostat multiterminal switch
LTON	long ton	RPM	revolutions per minute
LVP	low voltage protection		
LVR	low voltage release		
M		S	
mach	machinery	sep	separator
man	manual	Sply	supply
max	maximum	sta	station
MHz	megahertz	stbd	starboard
min	minute(s)	STON	short ton
mn	main	SVC	service
MPH	miles per hour	SW	switch
		swbd	switchboard
		SWL	safe work load
		sync	synchroscope
N		T	
neg	negative	TB	technical bulletin
NSN	national stock number	TDH	total displacement height
		tk	tank
O		TRADOC	US Army Training and Doctrine Command
OL	overload	TSR	transformer saturable reactor
P			
P&S	port and starboard		
pH	designation of acidity and alkalinity		
PIP	Product Improvement Program		
pnl	panel		
ppm	parts per million		
pr	pair		
psi	pounds per square inch		
psig	pounds per square inch gage		
pwr	power		
		V	
		V	volt
		VAC	volts alternating current
		VDC	volts direct current
		VHF-FM	very high frequency-frequency modulated
		vm	voltmeter

W		X	
w	watt	XMIT	transmit
W/	with		
WM	wattmeter		
WT	watertight		
wtr	water		

DEFINITIONS

bell crank lever	Lever consisting of two arms, generally at right angles, with a common fulcrum at their junction.
bight	Loop of rope or cable; any part of a rope within the ends
boom point bale	Triangular plates of steel used as a connection between the bull chain, bull line, and single-topping lift.
boom topping drum	Drum on which cable for raising and lowering a boom is wound.
breather port or vent	Small opening in the machinery housing or casing which will allow air to enter or escape.
camels or breasting floats	Floating fenders used to keep vessel, while secured, away from a pier.
carry away	To break or tear loose.
chain falls	(1) A hoist made up of chains and blocks of one or more sheaves. (2) End of tackle chain to which power is attached.
dynamic brake or rheostatic brake	System using the electric motor for braking. (Motors are allowed to run as generators, supplying power to resistances.)
fleeting sheaves	Sheaves used to guide cable evenly onto a cable drum.
friction brake	Brake using the principle of friction (the resistance to motion called into play when a moving surface is brought into sliding contact with an immobile surface).
gooseneck boom	Boom with an end bent downward at an angle to give increased clearance between a suspended load and the boom when the boom is raised.
idler gear, idle wheel	Gear in a gear train used to reverse rotation without affecting the ratio of the drive.
luffing	The act of raising or lowering the boom vertically.
magnetic brake	Method of braking in which force is applied and released by an electromagnet.
pay out	To let out chain or ease off a line.
purchase	Turn or loop of rope or cable around an object.
reduction gears	A set of gears used to step down the RPM between a driving wheel and a wheel being driven.
rotor seals	Flexible joints or swivel joints in a pipe system.

sluing	Act of rotating a crane about its vertical axis (sometimes called swinging).
splined shaft	Shaft cut to have a number of equally spaced grooves so as to form a series of projecting keys and fittings into an internally grooved cylindrical part.
topping lift	Tackle used for raising and lowering a boom.
whip drum	Drum to which a cable is attached and then run through a fixed pulley.
wildcat	Small, drum-like extension on the side of a winch used for taking in and paying out lines (sometimes called a gypsy head).